

CLAIMS:

What is claimed is:

1. A method for identifying a mammal that will respond therapeutically to a method of treating cancer comprising administering an EGFR modulator, wherein the
5 method comprises:

(a) measuring in the mammal the level of at least one biomarker selected from the biomarkers of Table 1;

(b) exposing a biological sample from said mammal to the EGFR modulator;

- (c) following the exposing of step (b), measuring in said biological sample the
10 level of the at least one biomarker,

wherein a difference in the level of the at least one biomarker measured in step (c) compared to the level of the at least one biomarker measured in step (a) indicates that the mammal will respond therapeutically to said method of treating cancer.

2. A method for identifying a mammal that will respond therapeutically to a
15 method of treating cancer comprising administering an EGFR modulator, wherein the method comprises:

(a) exposing a biological sample from the mammal to the EGFR modulator;

(b) following the exposing of step (a), measuring in said biological sample the level of the at least one biomarker selected from the biomarkers of Table 1,

- 20 wherein a difference in the level of the at least one biomarker measured in step (b), compared to the level of the at least one biomarker in a mammal that has not been exposed to said EGFR modulator, indicates that the mammal will respond therapeutically to said method of treating cancer.